

Hafizur Rahman

Data Analyst | Database Developer | AI Automation Enthusiast | Research-Oriented Data Science Professional

Email: hafizurriad2@gmail.com | LinkedIn: linkedin.com/in/hafizur-rahman-678521255 | GitHub: github.com/hafiz45 | Bangladesh

Professional Summary

Database Developer and Data Analyst experienced in SQL, Python, ETL, SSIS, Power BI, BI reporting, stored procedures, query optimization, machine learning, NLP, n8n automation, Django development, WordPress development, HTML, CSS, Tailwind CSS, and JavaScript. Open to PhD and research opportunities in Data Science, Machine Learning, NLP, BI, automation, and AI-enabled education.

Technical Skills

Database: SQL, T-SQL, MySQL, PostgreSQL, MongoDB, DBA, Query Optimization, Stored Procedures

Analytics & BI: Power BI, DAX, Excel, BI Reporting, Data Visualization, Data Warehousing

Programming: Python, Pandas, NumPy, Matplotlib, Scikit-learn

Automation: n8n, Workflow Automation, Webhook Integration, RSS Automation, AI Content/Image Generation

Web Development: Django, WordPress Development, HTML, CSS, Tailwind CSS, JavaScript, PHP, Laravel

AI/Data Science: Machine Learning, Deep Learning, NLP, Data Science, Recommendation Systems

Work Experience

Database Developer - Bdjobs.com Limited

Jan 2024 - Present

- Write complex SQL queries for operational and analytical requirements.
- Create and optimize stored procedures and query performance.
- Build BI reports and ETL pipelines using Python and SSIS.
- Work with data extraction, transformation, reporting, and automation.

Lab Associate - Daffodil International University

Jan 2022 - Jan 2024

- Supported students in programming, DBMS, ML, OOP, PHP, Laravel, and practical lab sessions.
- Managed database design and development for academic/project work.
- Supported students through technical mentoring and hands-on demonstrations.

Projects & Research

AI-Powered WordPress Content Automation using n8n

Developed automated content publishing workflow for WordPress using AI-generated content, AI images, webhooks, and n8n workflow automation. Project URL: <https://techupdatesusa.com>

Machine Learning and NLP-Based Job Recommendation System

IEEE publication focused on ML and NLP-based recommendation system for job seekers. Link: <https://ieeexplore.ieee.org/abstract/document/10939860/>

SQL, ETL, and BI Reporting Projects

Built SQL reports, stored procedures, ETL workflows, and Power BI reports for decision support.

Education

Graduate - MSc in Data Science

Daffodil International University | CGPA 3.98/4 | 2024

Undergraduate - BSc in Computer Science & Engineering

Daffodil International University | CGPA 3.97/4 | 2023

Awards, Activities & Certifications

Dean's List Scholarship | DIU ACM Lab Member | DIU Take-off Programming Contest | ICPC-style Problem Solving | MongoDB Query Training - Bdjobs, 2024 | Web Development Training - DIU, 2022 | ML Bootcamp - DIU, 2021 | Advanced Competitive Programming Camp - DIU, 2019 | SQL Basic - HackerRank